

Title (en)

Control method and system suitable to drive simulation roller test beds

Title (de)

Steuerungsmethode und -system zur Fahrsimulation auf Rollentestanlagen

Title (fr)

Système et méthode de contrôle convenable pour bancs d'essai à rouleaux de simulation de conduite

Publication

EP 0759548 B1 20030416 (EN)

Application

EP 96111434 A 19960716

Priority

IT TO950680 A 19950810

Abstract (en)

[origin: EP0759548A2] The described guidance method uses the autovehicle (25) as an active element to control the relevant parameters to be measured, as the horsepower developed by the engine (30, 40), the torque, the braking torque, the net available wheel horsepower, the exhaust emission concentration, the fuel consumption, the dissipated power. The time evolution values of said parameters are recorded during the roller (10A,10B) test bed simulation and then they are sent, as feedback, into an automatic data management and control system (60), which uses input signals (61) corresponding to the parameter time evolution values measured during road tests. <IMAGE>

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G01M 17/007

IPC 8 full level

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Cited by

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EP 0759548 A2 19970226; EP 0759548 A3 19981104; EP 0759548 B1 20030416; DE 69627432 D1 20030522; DE 69627432 T2 20040115; ES 2196107 T3 20031216; IT 1280905 B1 19980211; IT TO950680 A0 19950810; IT TO950680 A1 19970210

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